LIST OF SPECIES IN THE BERENDT MEXICAN COLLECTION

Mostly identified during 1974-76 by F. Bowers, some by L. Spessard, a few by A.J. Sharp and D.H. Smith. Numbers of the species correspond with numbered drawings in the Farlow Library (S949me) and with specimens in the Farlow Herbarium. [In brackets if filed under different names.]

1. Sphagnum (no specimen)
2. Dicranella brachyblepharis (C.M.) Mitt.
3. Dicranella hilariana (Mont.)Mitt. [Aongstroemia h. (Mont.) C.M.]
4. Campylopodium pusillum (Schimp.) Will.
5. Dicranella subinclinata Lor.
6. Dicranella lagunaria C.M. [Aongstroemia l. C.M.]
7. Pilopogon gracilis (Hook.) Brid.
8. (No drawings; no specimen)
9. (No drawings; no specimen)
10. (No drawings; no specimen)
11. Funaria longiseta (Schimp.) Broth. [Entosthodon longisetus Schimp.]
12. Trichostomum brachidontium Bruch
13. Hyophila involuta (Hook.) Jaeg. [Gymnostomum involutum Hook.]
14. Barbula agraria Hedw. (No drawing)
15. Barbula agraria Hedw.
16. Barbula spiralis Schimp.
17. (No specimen)
18. (No drawing; no specimen)
19. (No drawing; no specimen)
20. (No drawing; no specimen)
21. Brachymenium systylium (C.M.)Jaeg. [Bryum systylium C.M.]
22. Brachymenium systylium (C.M.)Jaeg.; Brachymenium spirifolium (C.M.) Jaeg. [Bryum systylium C.M.]
23. (No drawing; no specimen)
24. Macromitrium sp.
25. Macromitrium sp.
26. Macromitrium sp.
27. Macromitrium sp.
28. Leptodontium viticuloides v. panamense (Lor.) Zander [Neckera viticuloides P.B.]
29. Bruetelia jamaicensis (Mitt.) jaeg. [Bartramia jamaicensis Mitt.]
30. Philonotis longiseta (Rch.)E.G.B. [Bartramis longiseta Mx.]
31. Philonotis glaucescens (Hrnsch.)Par. [Bartramia g. Hrnsch.]
32. Bruetelia jamaicensis (Mitt.) Jaeg. [Bartramia jamaicensis Mitt.]
33. Pogonatum (no specimen)
34. Pogonatum leibmannianum (C.M.) Besch.
35. Hyophila involuta (Hook.) Jaeg. [Gymnostomum involutum Hook.]
36. Dicranella longirostris (Schwaegr.) Mitt.
37. Polytrichum juniperinum Hedw.
38. Bryum argenteum Hedw.
39. ?Bryum capillare Hook.; ?Brachymenium virosulum Card.
40. Bryum capillare Hedw.
41. Pohlia integridens (C.M.) Broth. [Bryum spectabile C.M.]
42. Bryum nitens Hook. [Bryum cruegeri Hampe]
43. Bryum marginii Ren. & Card.
44. Bryum billardierii Schwaegr.
45. Mnium rostratum Schrad.

46. Rhodobryum roseum (Hedw.) Limpr. [Bryum roseum Hedw.]
47. Leiomela bartramioides (Hook.) Par. [Cryptopodium bartramioides (Hook.) Brid.]
48. (No drawing; no specimen)
49. Cryphaea pinnata Schimp. (No drawing)
50. Acrocryphaea leiboldii (C.M.) Wijk & Marg. [Cryphaea l. C.M.]
51. Leucoloma serrulata Brid. [Barbula serrulata (Hook.& Grv.) Brid.]
52. Entodon erythropus Mitt.
53. Leptohymenium squarrosum Hampe; Erythrodontium longisetum (Hook.) Par.; Erythrodontium pringlei Card.
54. Cylindrothecium sp.
55. Lepidopilum pringlei Card.; L. falcatum C.M.
56. Neckera sp.
57. (No drawing; no specimen)
58. (No drawing; no specimen)
59. Pterobryon densum Hornsch. (no drawing)
60. Pterobryopsis mexicana (Ren. & Card.) Fleisch.
61. Papillaria nigrescens (Hedw.) Jaeg. (No drawing) [Neckera nigrescens Hedw.]
62. Meteoriopsis recurvifolium (Hornsch.)Broth.; Trachypus bicolor v. viridulus (Mitt.) Zander [Neckera viridula Mitt.]
63. Pilotrichum recurvifolium Hornsch.
64. Squamidium nigricans (Hook.) Broth. (no drawing) [Meteorium macranthum Dozy & Molk.]
65. Papillaria deppei (Hornsch.) Jaeg. (no drawing) [Neckera deppei Hornsch.]
66. Pilotrichella rigida (C.M.) Besch. (no drawing) [Neckera rigida CM]
67. Barbella cubensis (Mitt.) Broth. (no drawing) [Meteorium triphorum (Mitt.) Sull.]
68. (No drawing; no specimen)
69. Meteorium pendulum Sull. in Gray (no drawing)
70. Meteorium illecebrum (C.M.) Mitt.
71. Pilotrichella flexilis (Hedw.) Aong.
72. Homalia glabella (Hedw.) Mitt. (no drawing) [Neckera glabellum (Hedw.) Sw.]
73. Callicostella ciliata (Schimp.) Jaeg.; Cyclodictyon albicans (Hedw.) Kuntze; Hookeriopsis heteroica Card.
74. Cyclodictyon albicans (Hedw.) Kuntze [Hookeria scabriseta Hook.; H. albicans (Hedw.) Hook. & Grev.]
75. Entodon macropodus (Hedw.) C.M.
76. Fissidens fontanus (B. Pyl.) Steud. [Bartramia fontana (Hedw.)Turn.]
77. Thuidium delicatulum (Hedw.) Mitt. (No drawing) [Hypnum cymbifolium Dozy & Molk.]
78. Thuidiopsis furfurosa (Hook. f. & Wils.) Fleisch. (no drawing) [Hypnum minutulum Hedw.]
79. Regmatodon filiformis Schimp. (no drawing)
80. Neckeropsis disticha (Hedw.) Fleisch. (no drawing) [Neckera disticha Hedw.]
81. (No drawing; no specimen)
82. Sematophyllum caespitosum (Hedw.) Mitt. (no drawing) [Hypnum loxense Hook.]
83. Hypnum loxense Hook. (no drawing)
84. Sematophyllum caespitosum (Hedw.) Mitt.; Hypnum dissolutum Sull.; Sematophyllum cuspidifolium Mitt.; Callicostella ciliata (Schimp.) Jaeg. (no drawing)

85. Rhyncostegium serrulatum Hedw. (No drawing) [Hypnum serrulatum Hedw.]
86. Mittenohtamnium reptans (Hedw.) Card. [Hypnum ometopense Sull.& Lesq.]
87. Sematophyllum adnatum (Michx.) E.G.B.; Mittenothamnium langsdorfii (Hook.) Card. (no drawing) [Hypnum caespitosum (Hedw.) Schrad.]
88. Sematophyllum cuspidiferum Mitt. (no drawing) [Hypnum admistum Sull.]
89. Ctenidium malacoides Mitt.
90. (no drawing; no specimen)
91. ?Trichostomum sp.
92. Mittenothamnium diminutivum (Hmpe.)E.G.B. [Hypnum d. Hmpe.]
93. Sematophyllum insulare (Sull.) MItt. (no drawing) [Hypnum insulare Sull.]
93b. Vesicularia amphibola (Spruce) Broth. (no drawing) [Hypnum montagnei Schimp.]
94. Mittenothamnium lehmannii (Besch.) Card. [Microtheamnium l. Besch.]
95.
96.
97. Macromitrium sp.
98. Rhodobryum beyrichianum (Hornsch.) C.M. (no drawing) [Bryum b. (Honrsch.) C.M.]
99. Glossadelphus laevifolius (Mitt.) Bartr. [Ectropothecium l. Mitt.]
100. Papillaria deppei (Hornsch.) Jaeg. [Neckera deppei Hornsch.]
101. Papillaria nigrescens (Hedw.) Jaeg. [Neckera nigrescens Hedw.]

MEXICAN MOSSES

Collected

by

C.H.Berendt

in

1865

William S.Sullivant

Drawings

by

A.Schrader

32-39
103

Drawings of Mexican Mosses (by Schrader —) 1865 — collected by Dr C. H. Besendt 1865

Valuable!

(See the Bundle)

The numbers on drawings correspond with same numbers with the specimens. Determine these mosses and publish soon. W.S.S.

Copied from note in pencil by Sullivant

The numbers on drawings correspond with same numbers with the specimens.

Determine these mosses & publish soon W.S.S.

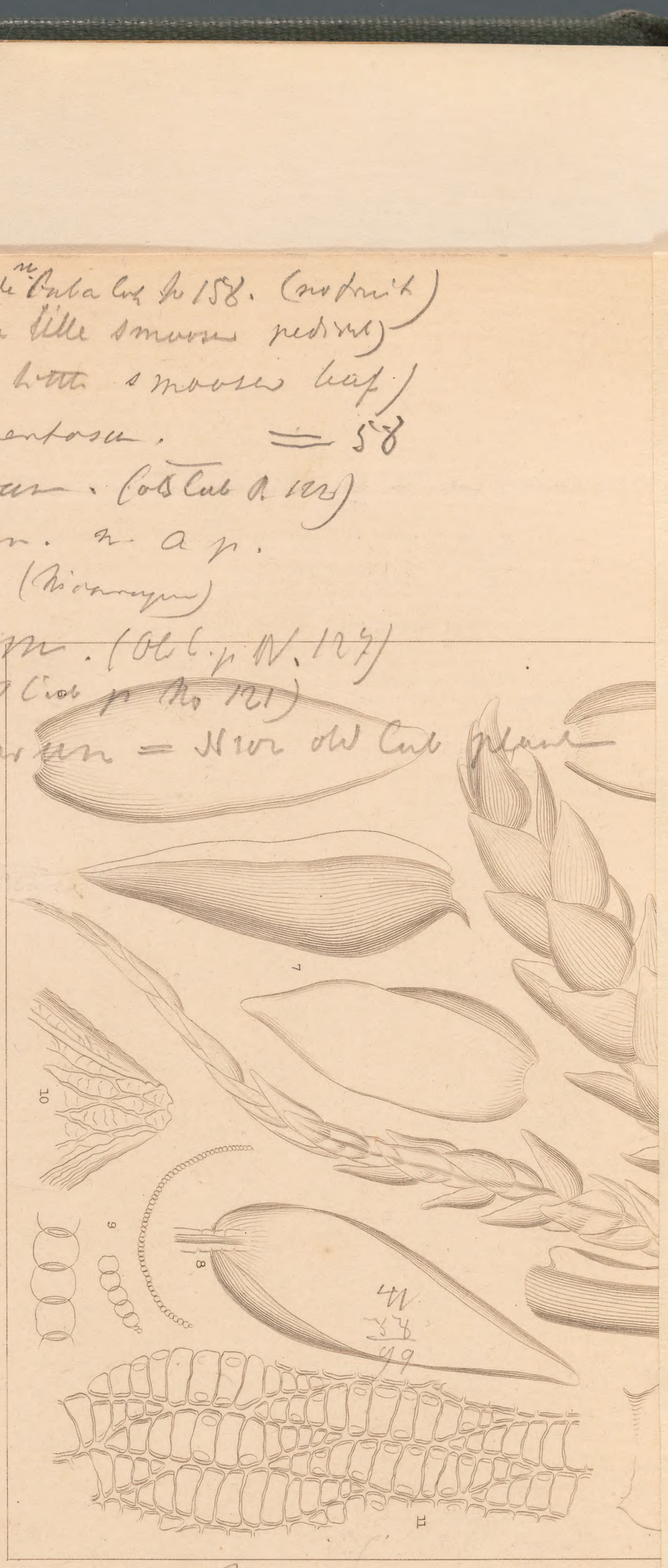
Mexican Mosses which are determined —

1. Sphagnum (new?)
2, 3, 5, 6. Leucobryum
4 Dicranodontium
7. Pilotrichella ? (N)
11. Entosthodon
12. Tortula
13, 15, 16, 17. Barbula.
21, 22 Syntrichia ?
24, 25, 26, 27. Macromitrium (N3)
28. Zygodon (n. sp.)
29, 30, 31, 32. Barbramia
34. Pogonatum
35. Barbula.
36. Leucobryum.
37. Polytrichum
39, 40, 41, 42, 43, 44, Bryum
45, 46 Rhizium.
47 a Barbramia
49. Cryptoleca.
51. Campylopus ?
52, 53, 54. Cyrtodontium
56, 60. Leskea.
62, 71, 70, Meteorium
(71 perhaps Mollia longe spinosa.)
74 ——— Hookeria
75. Cyclodictyon.
79. Orthomitrium.

8 Trematodon longicollis (orig. Ulle) (N)
9 Holomitrium crispulum
10. Anoectangium hygrometricum
14 Barbula agraria
18 Syntrichopsis Hobsoni.
19. ——— proliferum no sporog.
20 Orthotrichum alterum.
23 Schlotheimia torquata
31. Atrichum undulatum.
38 Bryum argenteum
48 Rhizogonium spiniforme

50 Cryphaea new Cuba collector
55. Holomitrium ? = Venezuela No 122.
in Hooker in Müller. Hampe
57 Hypnum tenuirostre.
58 Rhacopilum = 83.
59. Neckera = Venezuela N. 106
61. Meteorium (new no 161) = Venezuela 120
63 Meteor. proliferum Venez 116
Cuba 80.
64 Meteor. Macrocarpum
65 = 121. Venezuela v.
66 = 114 Venezuela p
67 = Trichosteleum c. C. p. 82
68 = dendroporum rufescens
69 = pendulum Nov Amer p
72. Neckera globulina
73. Hookeria Scabrisetum Hook. m. Exot.
near Mexicana.
76 Cryphaea Sullivantii
77. 79½ Thuidium Cymbifol. tamariscif.
78 Minutulum. verte

80. Neckera d'Urvillei var. Cuba Cub. No 158. (Sendtn.)
81. Leskea capillaris (a little smaller pedicel)
82. Hypn. Leskeoides Cuba Cub. 1854 (Sendtn.)
83 Anacamptodon tomentosus. = 58
84. Hypn. dissolutum. (Sendtn. Cub. 1854)
85 Hypn. recreatum. n. sp.
86 Hypn. Domingense (Bridel)
87 — Ceespitosum. (Sendtn. Cub. p. N. 124)
88 — Admistum. (Sendtn. Cub. p. No 121)
93 — Hypnum insulanum = Hedw. Sp. Cub. plant



SPHAGNUM SCHRADERI, Sulliv.

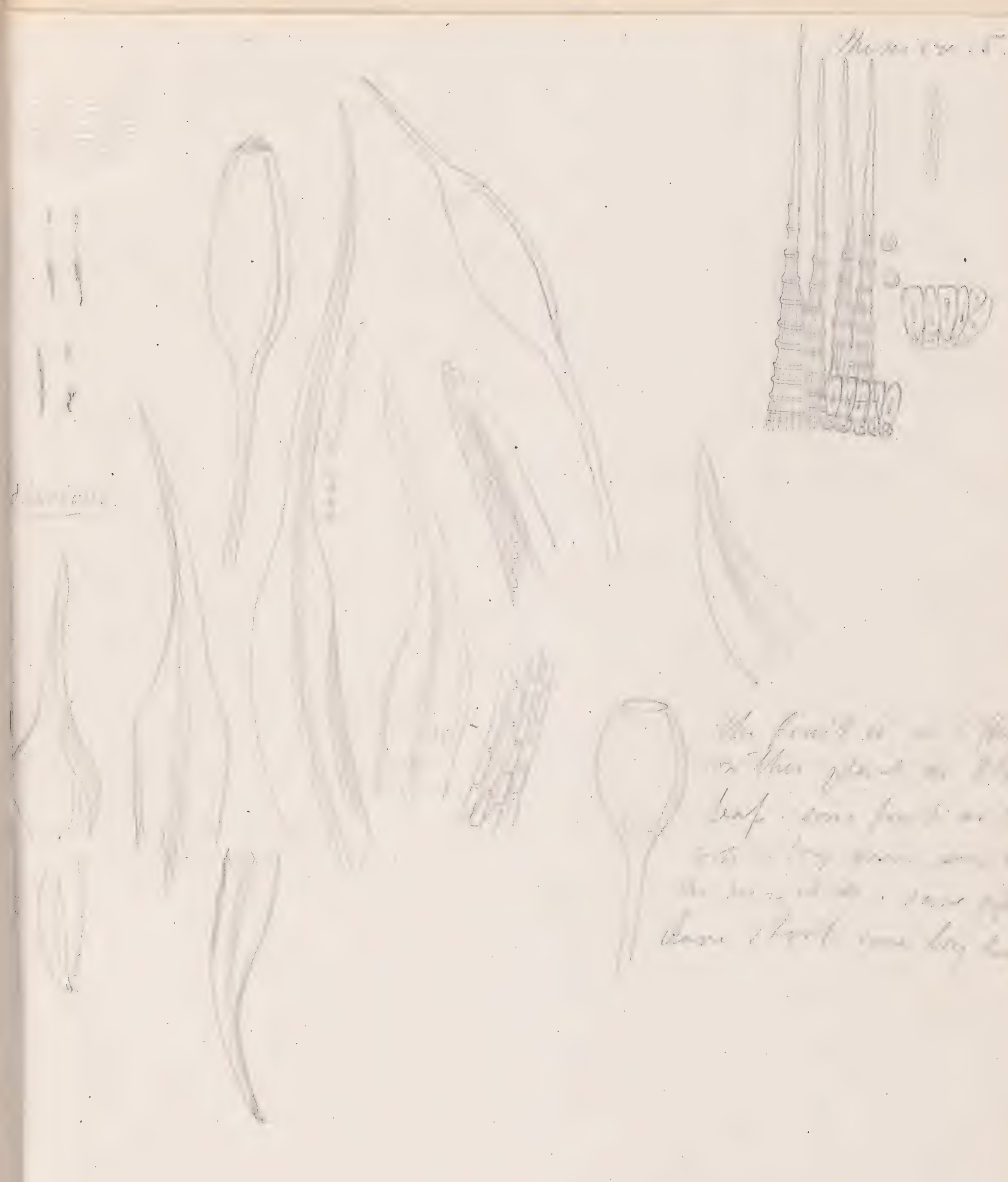
89 Hypn. new.
90 Fissidens
91 Trichostomum.
92. Hypn. new
94 Hypnum
95. Fissidens
96 Hypnum

97 Macromitrium
98. Mnium
99 ? Hedwigia ?
100 Mnium
101 Mnium

Mexico N. 1.

Sphagnum.

Planche n° 4.



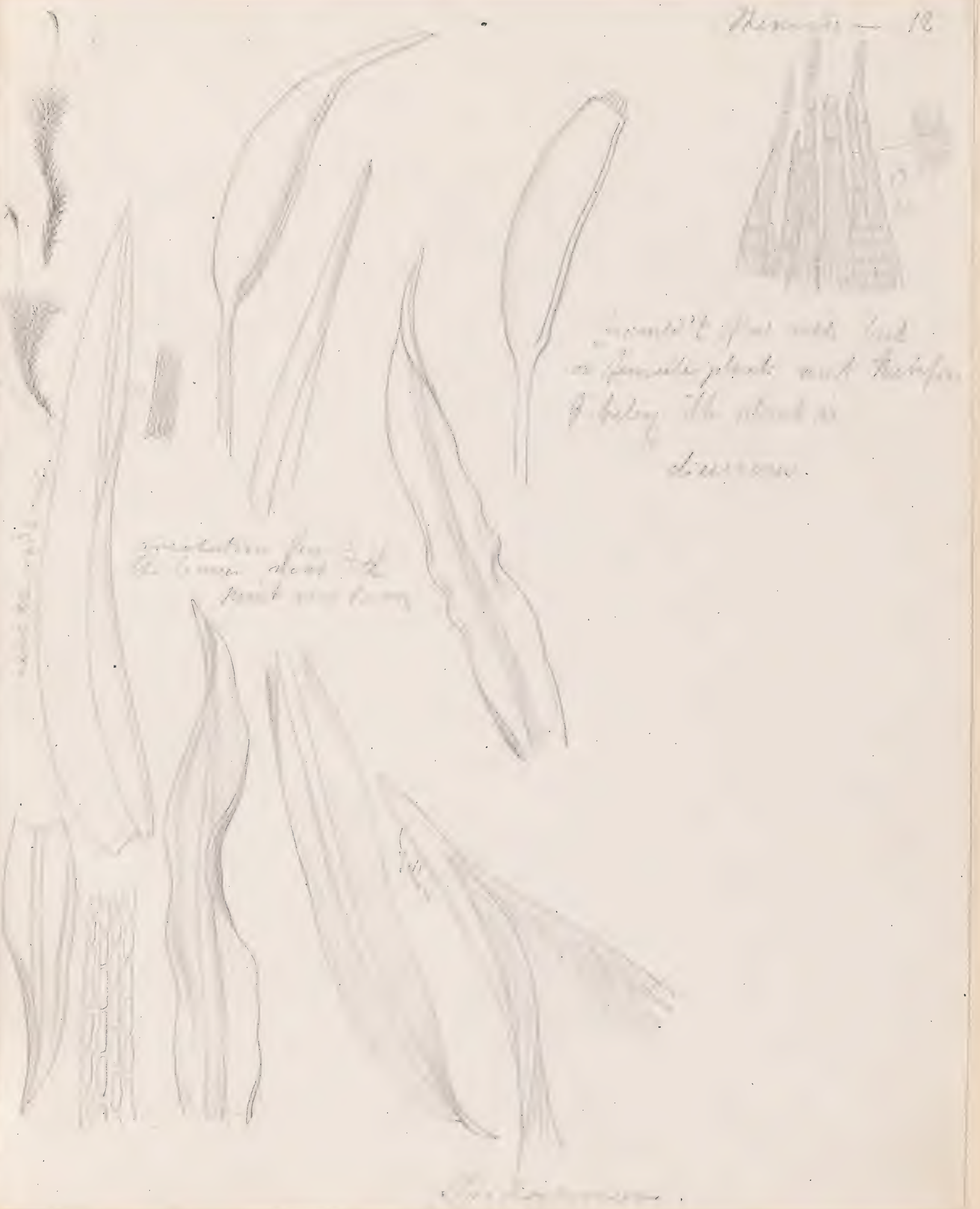
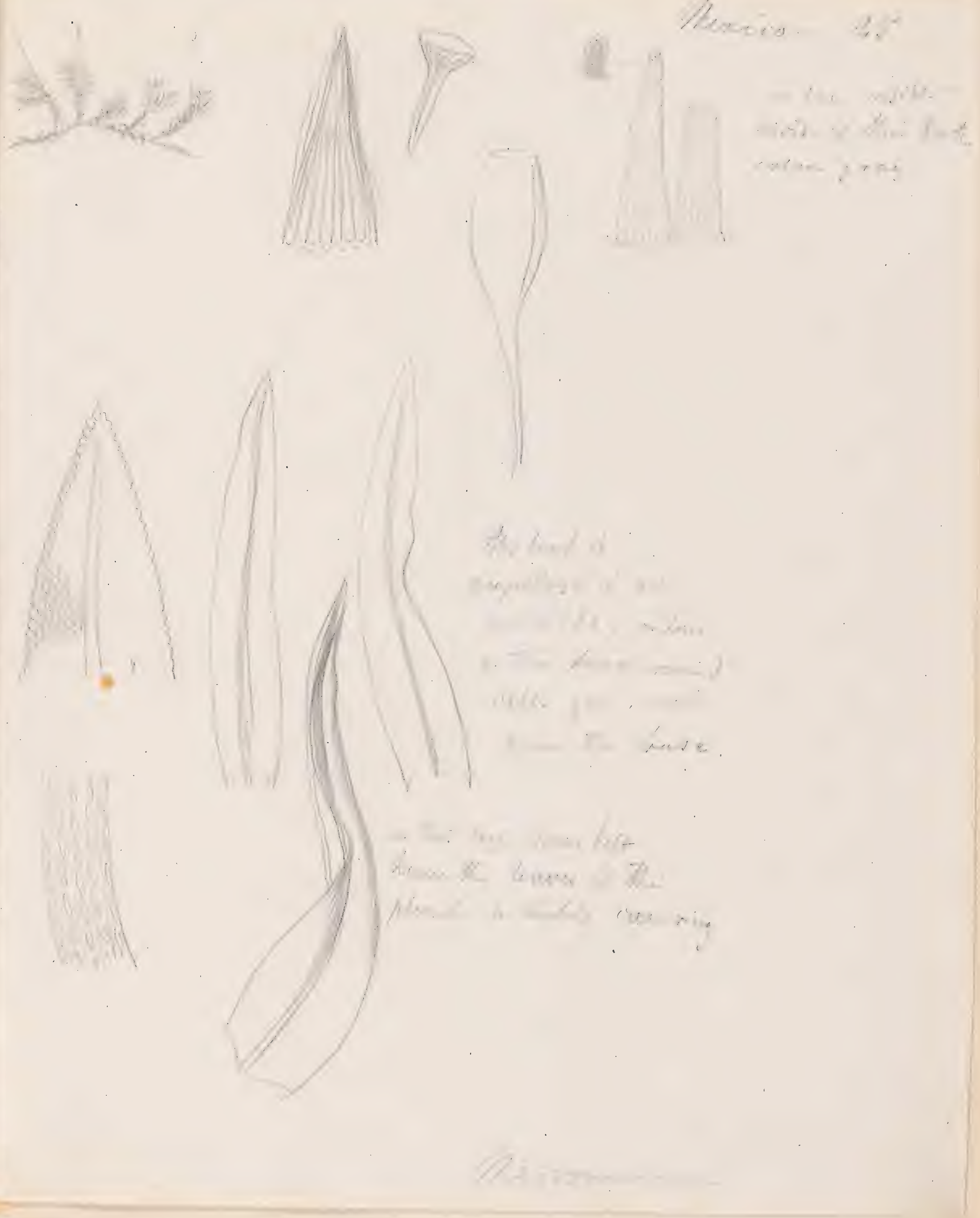
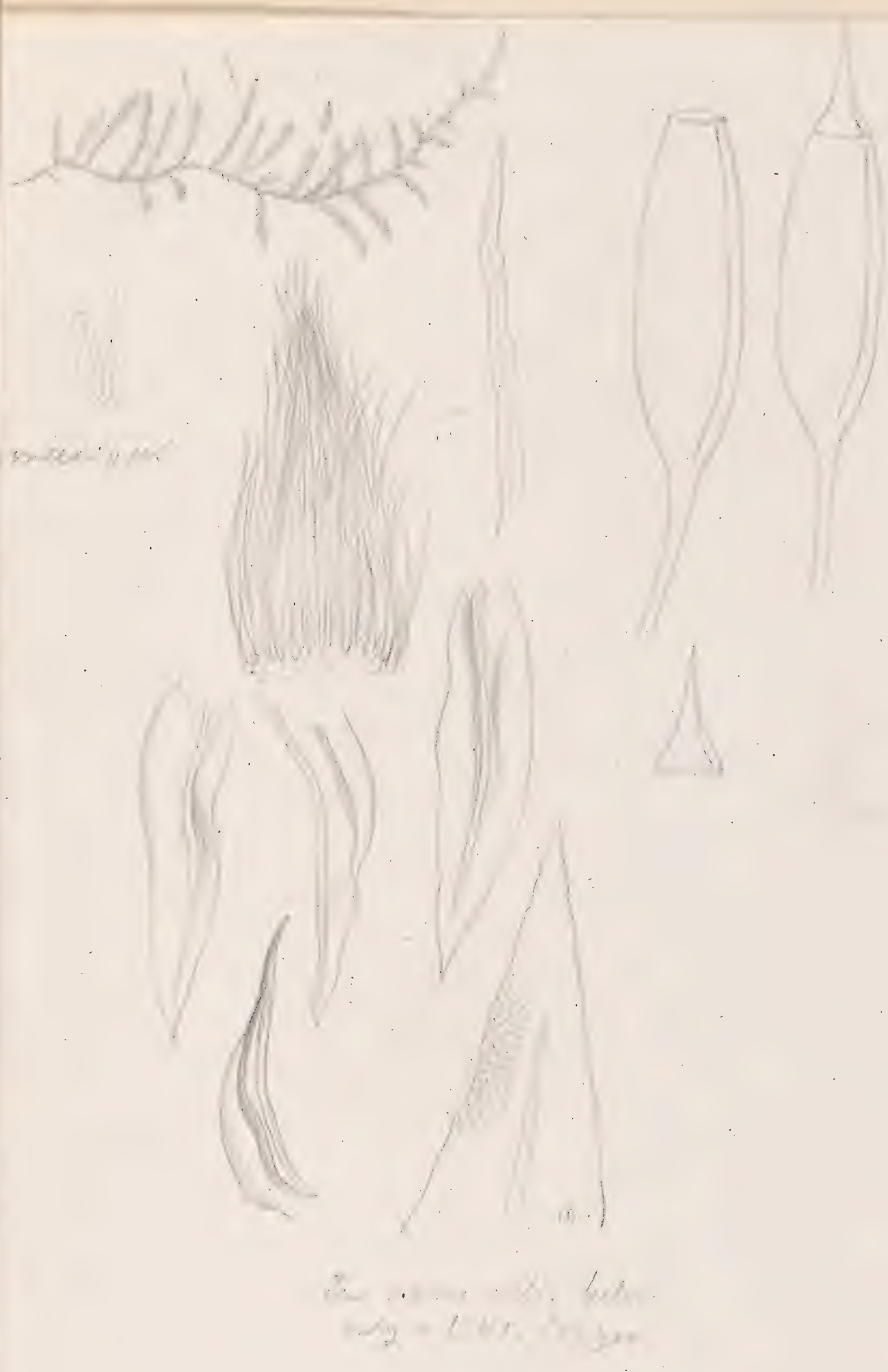


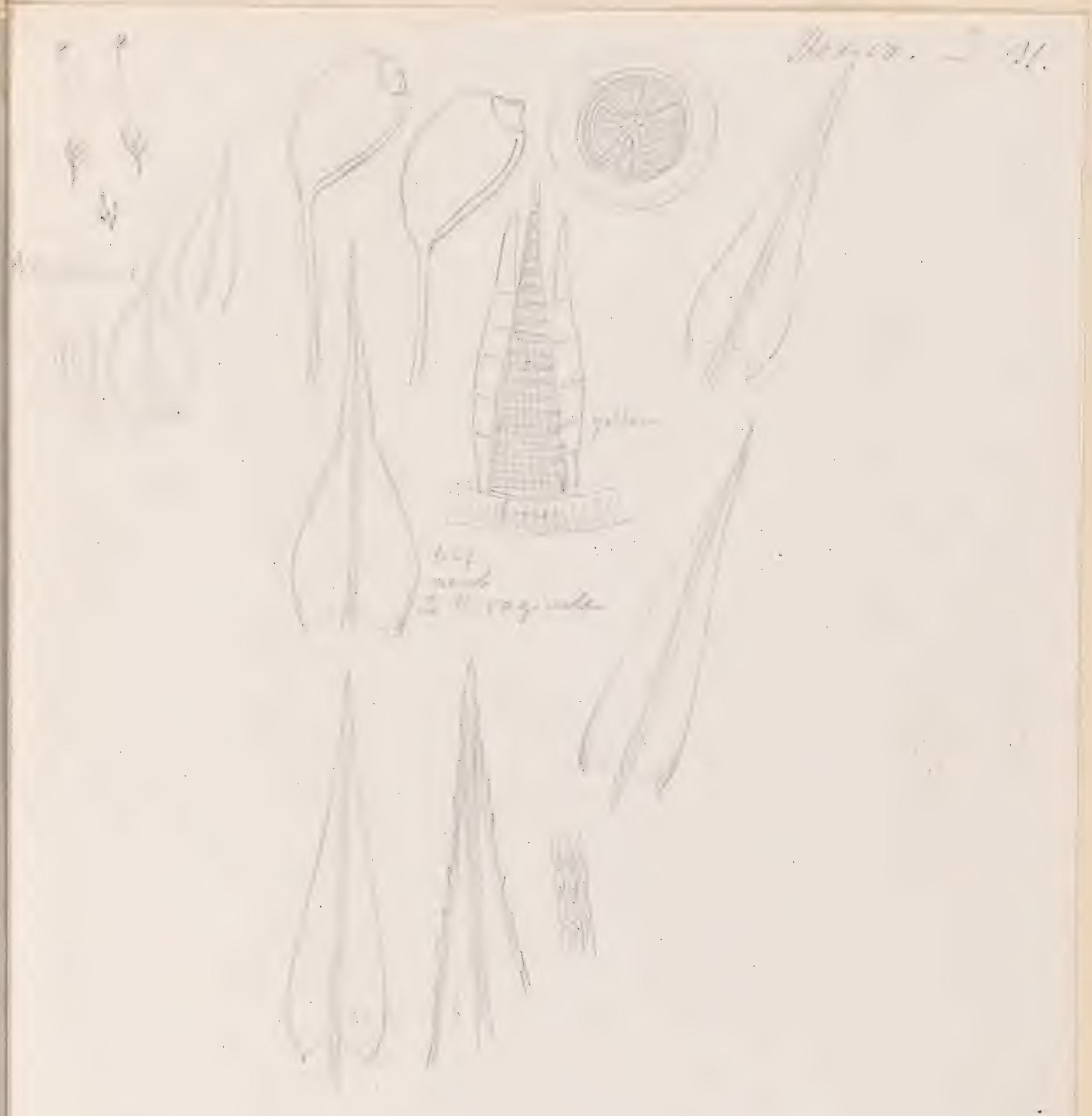
Plate LVI. f. 3.

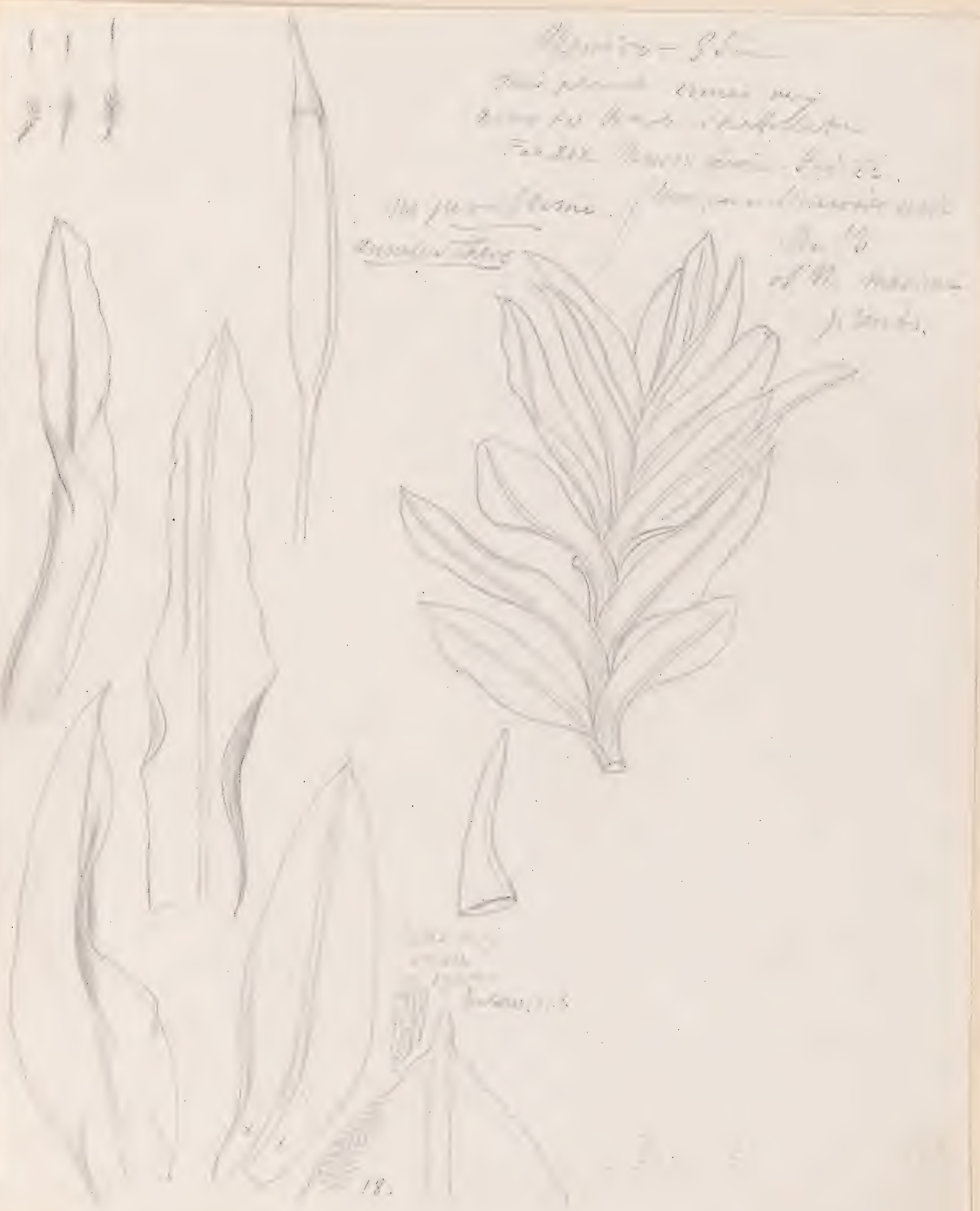
Seed vessel with
Persistent Spathillum
full of its Capsules in
fruit & leaf with a branch
small panicle Blue below.

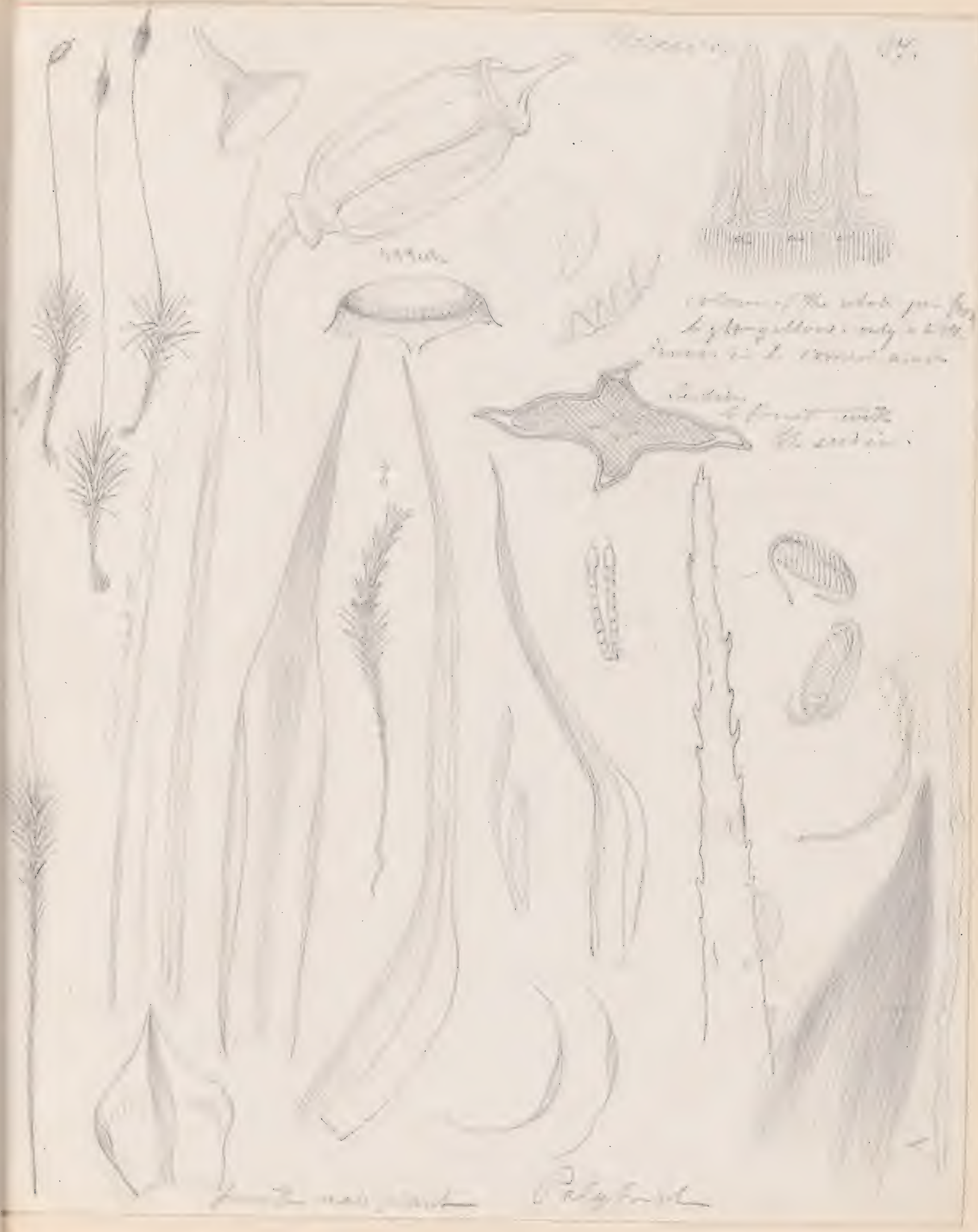
Plate 16.





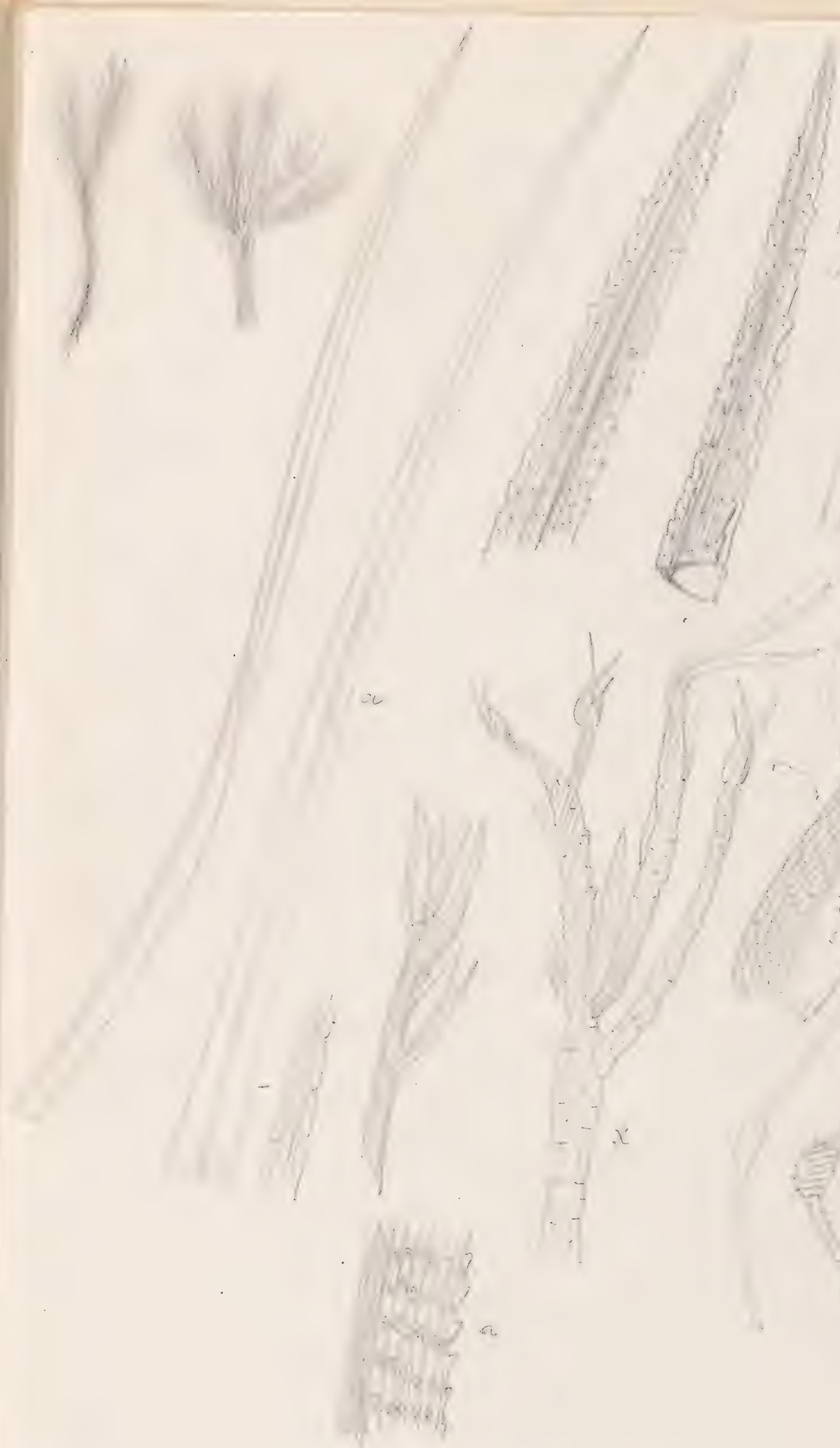


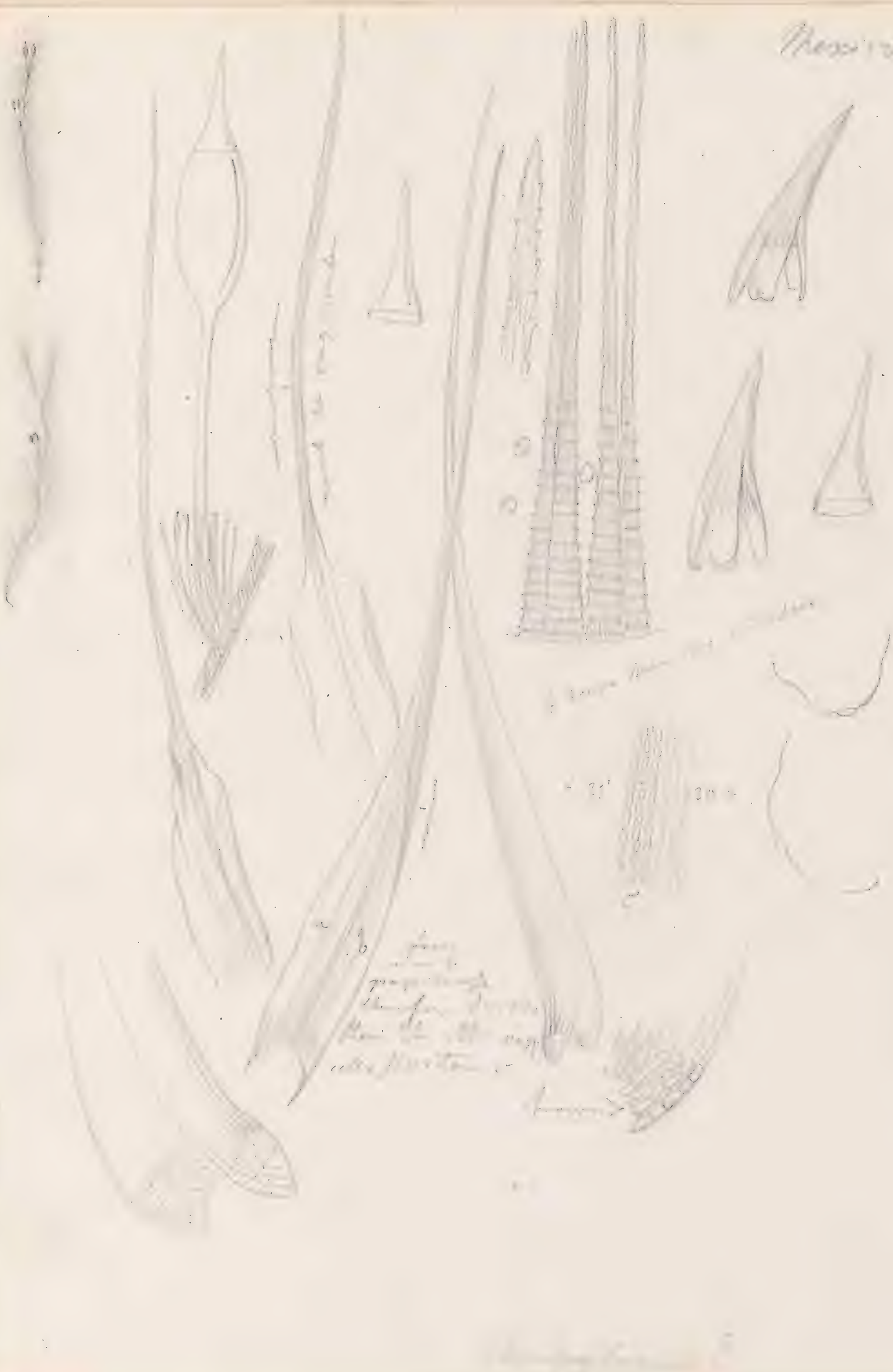


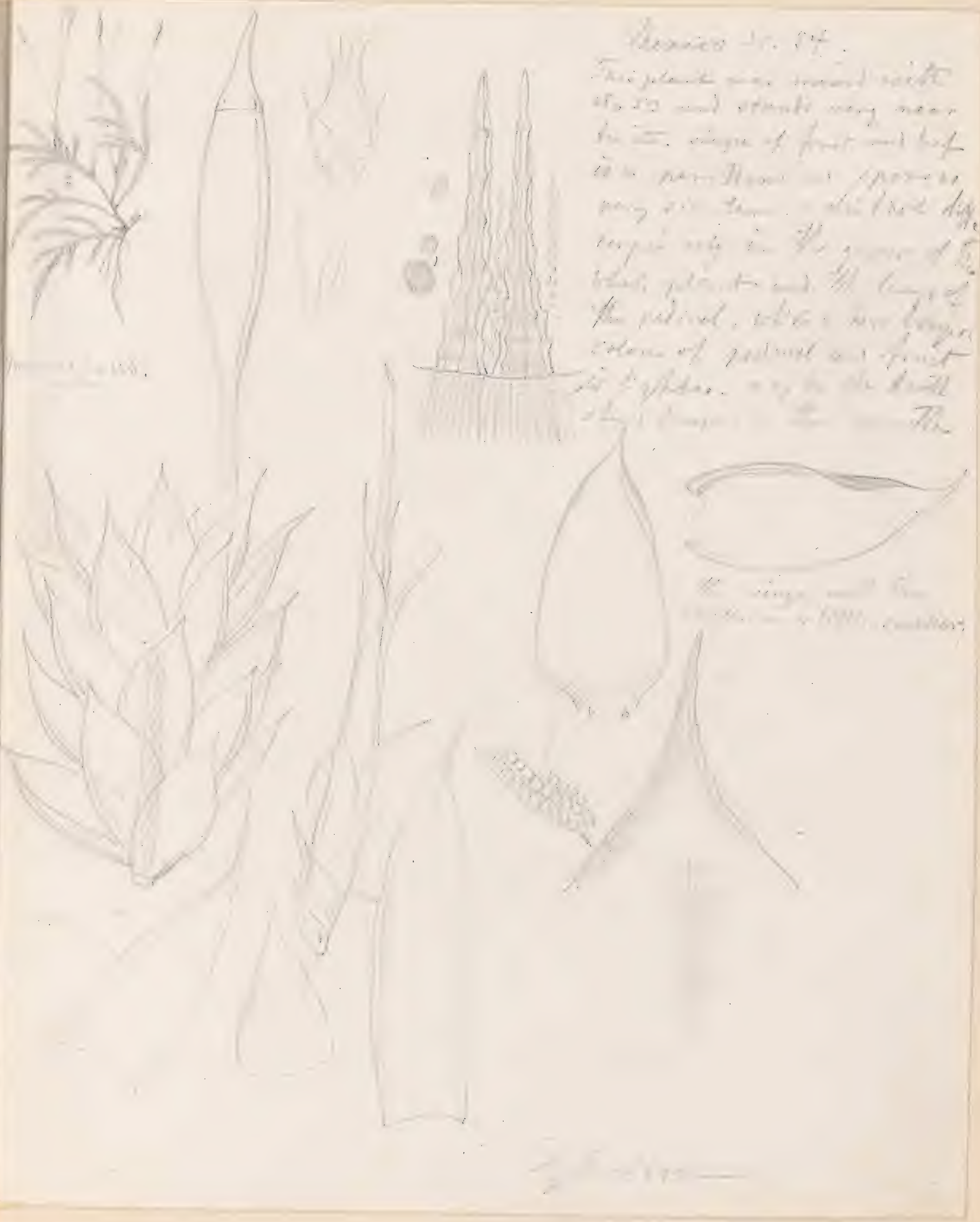


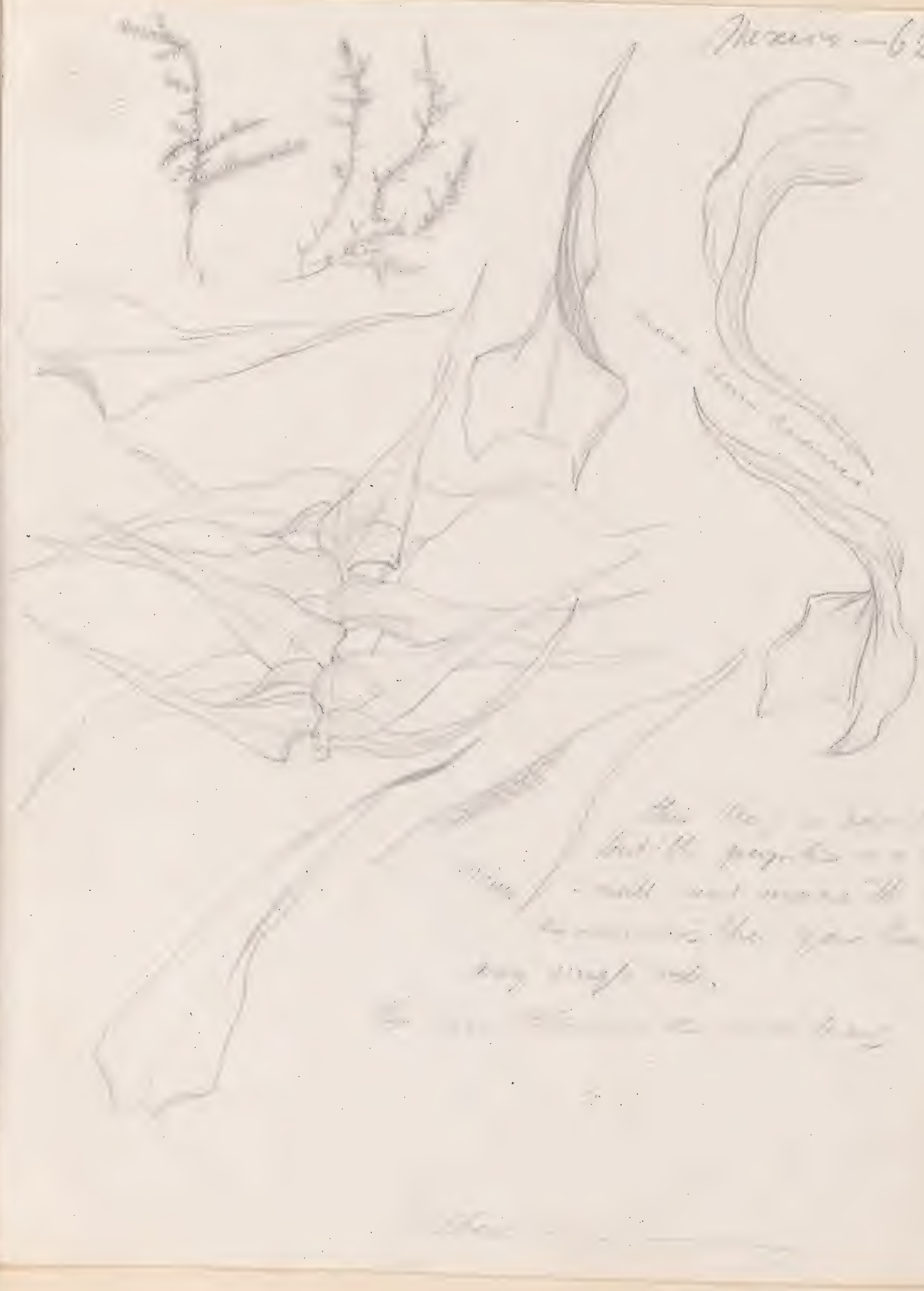
Mexico — 46.

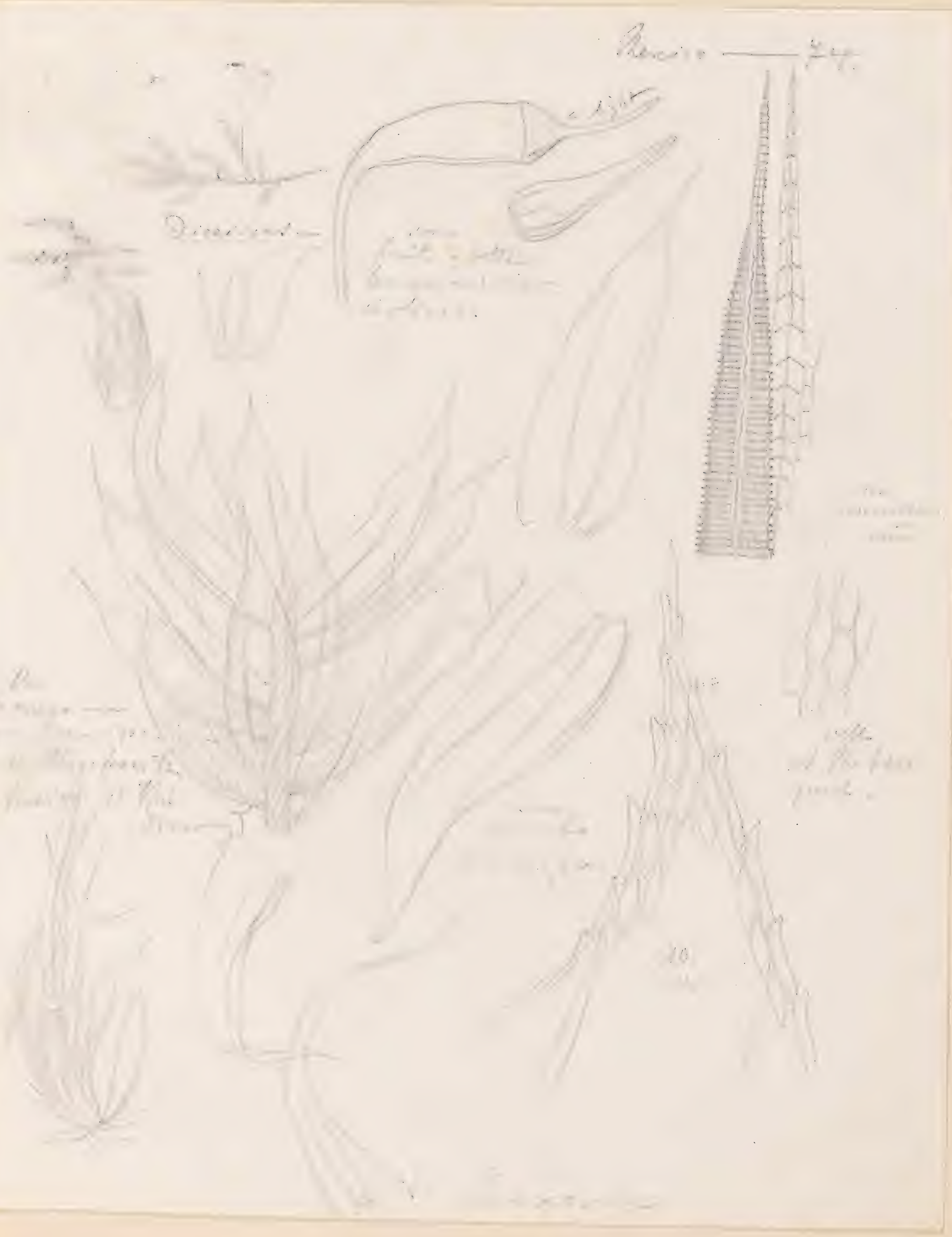
Near Orizaba. 3500 ft high
on the ground
on rotten leaves and sticks
February

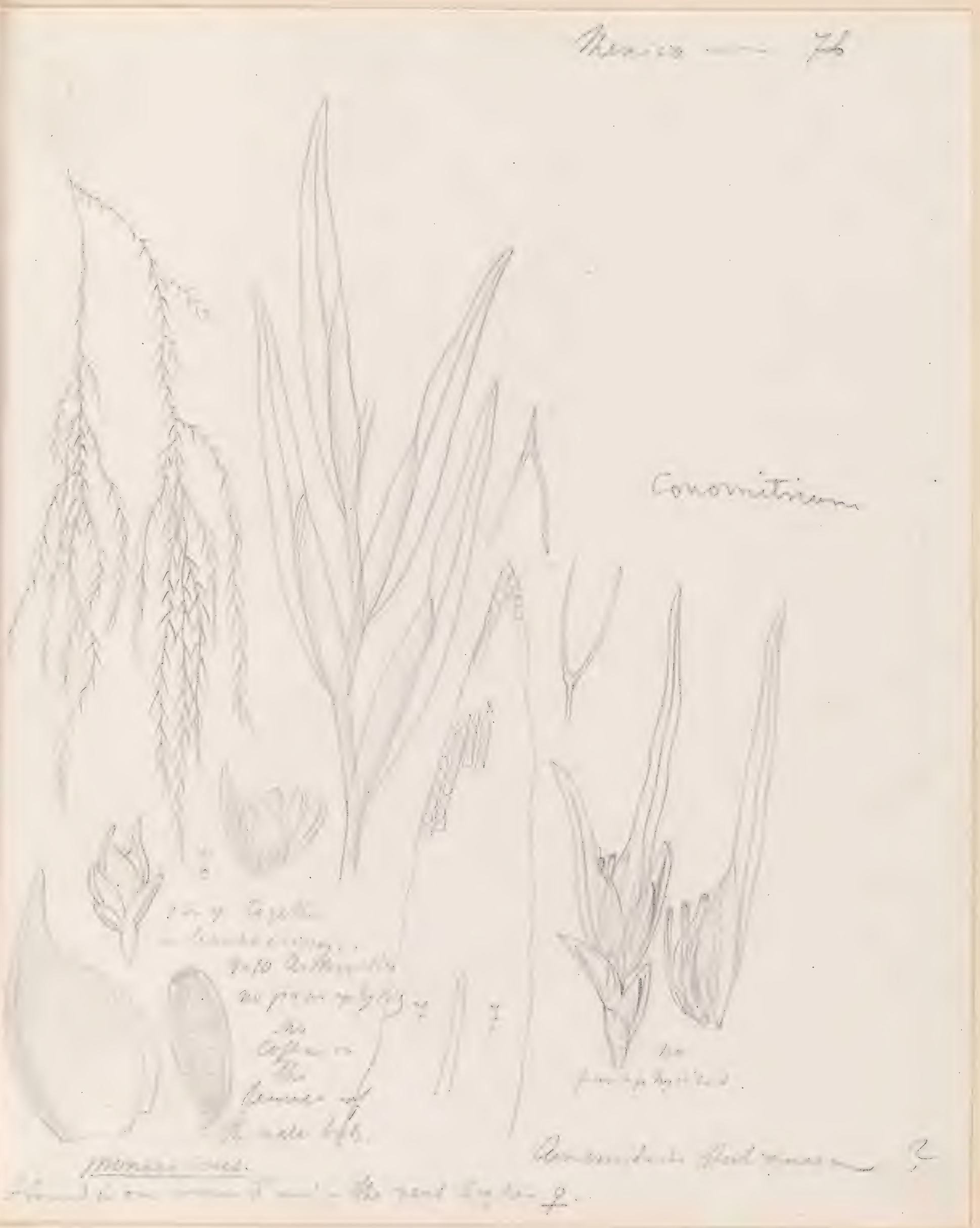


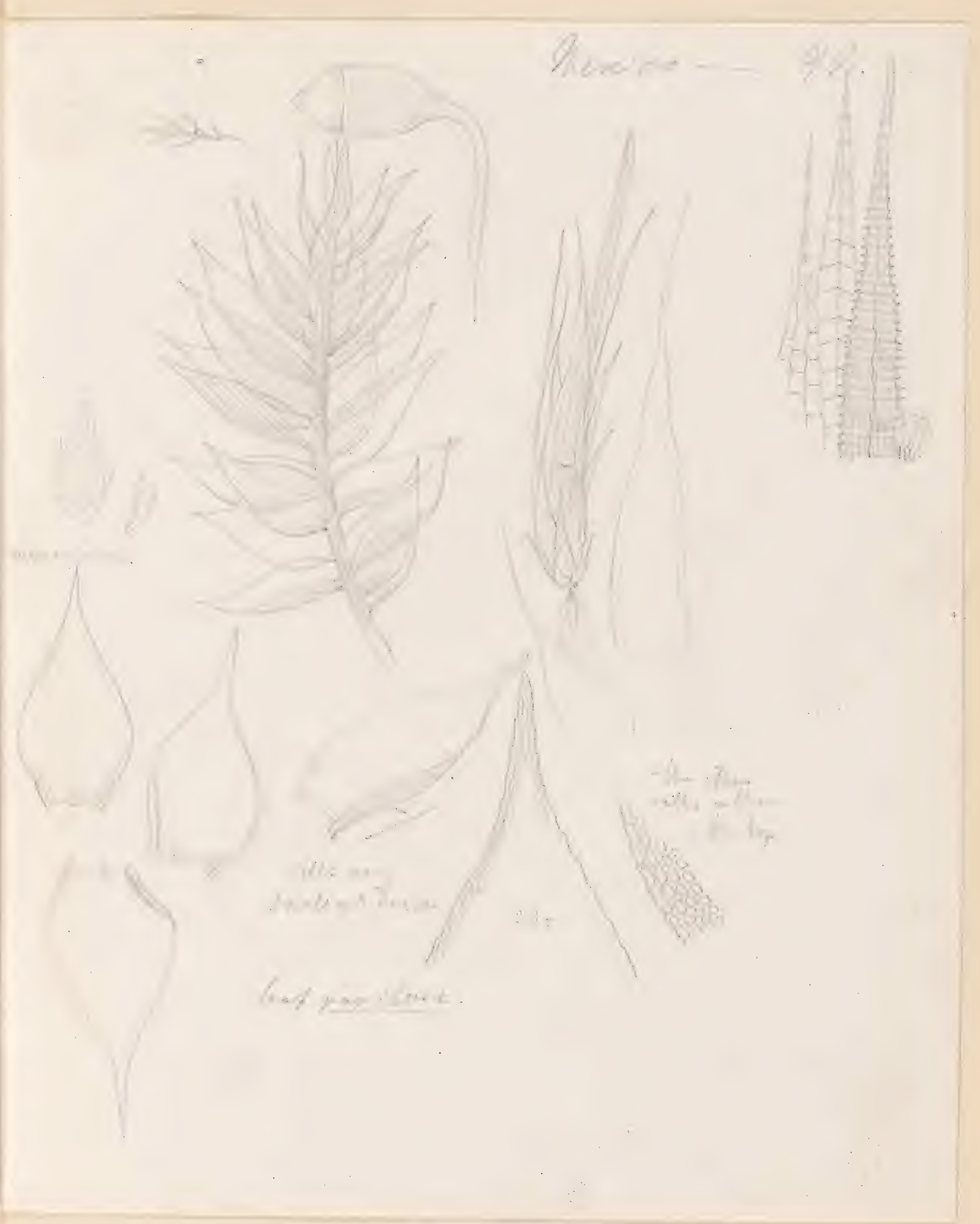


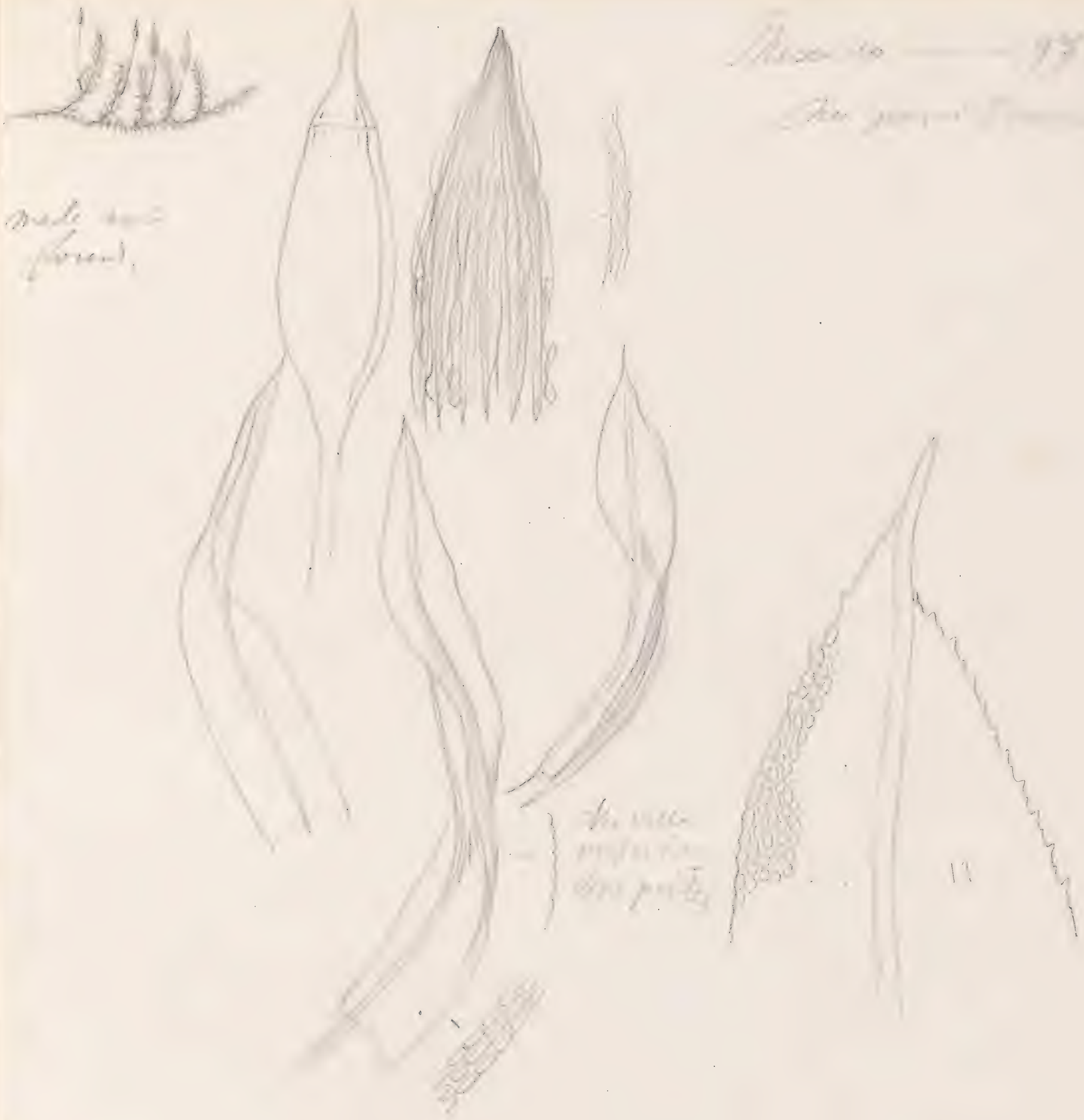








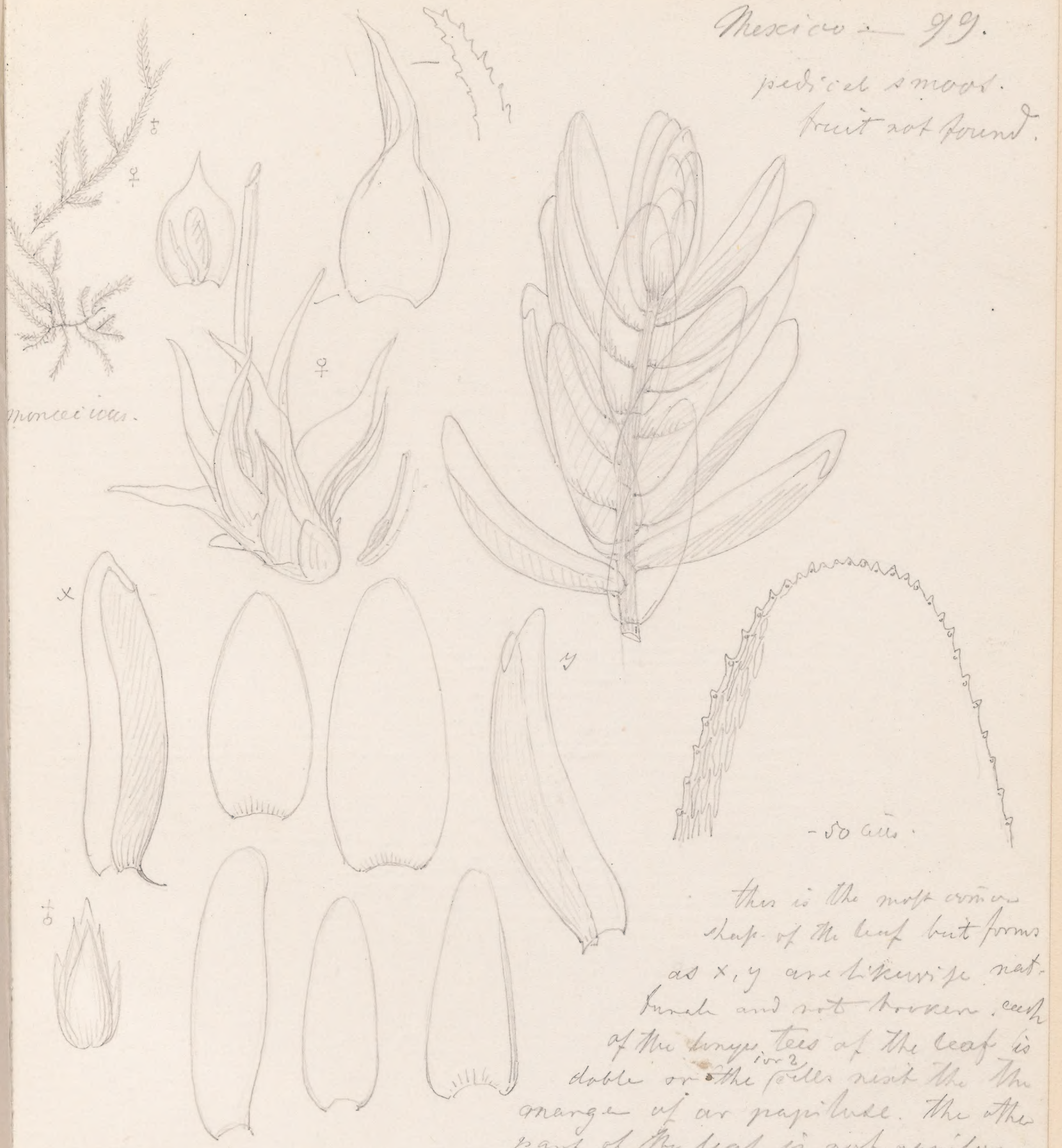




Mexico — 99.

pedicel smooth.

fruit not found.



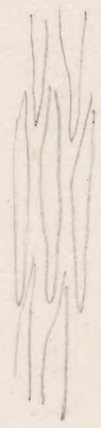
monœcious.

× 50 diam.

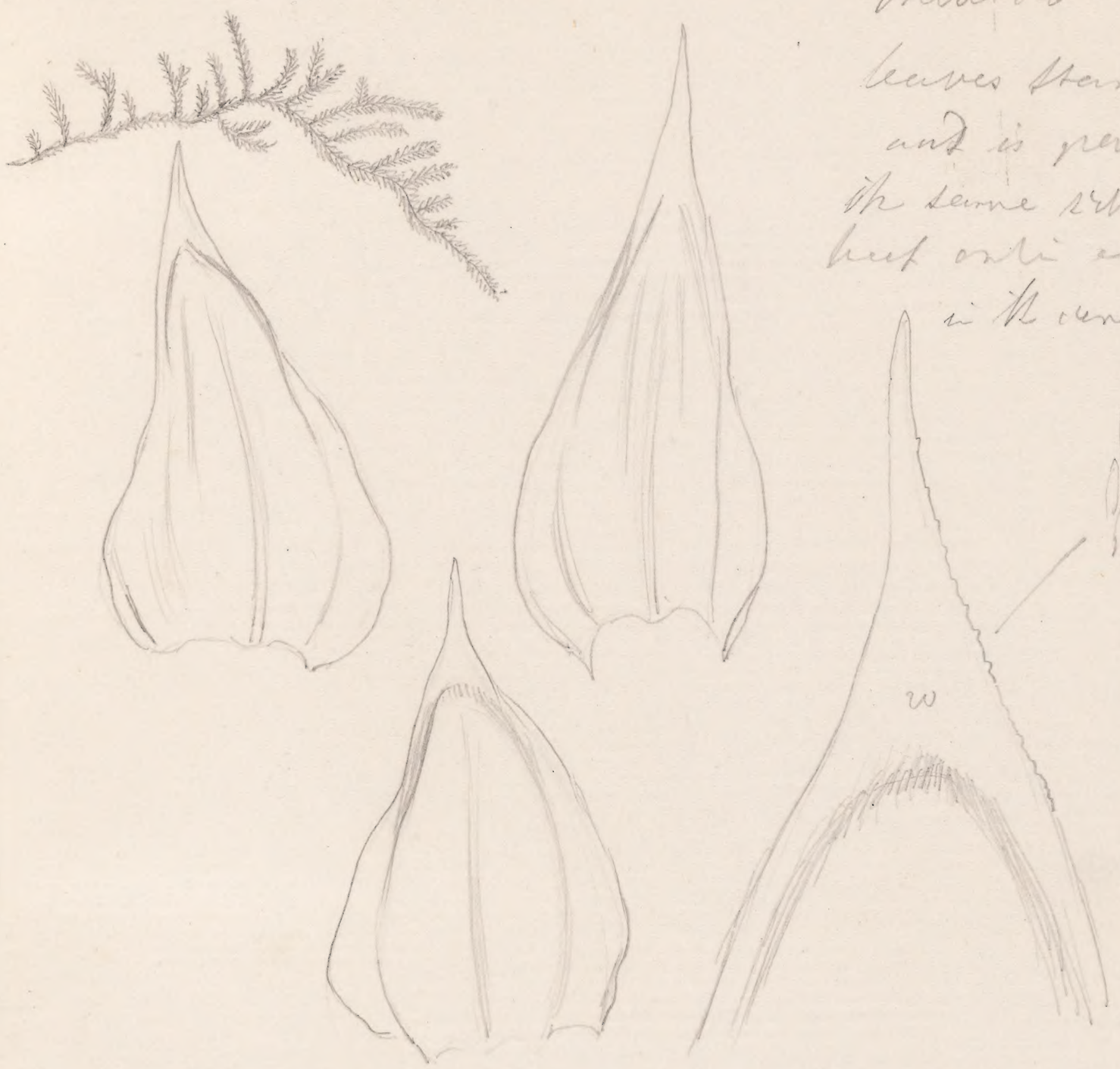
This is the most common shape of the leaf but forms as x, y are likewise nat. sized and not broken. each of the lower lobes of the leaf is double or the sides next the the margin of a papillose. The other part of the leaf is not papillose. the cells on the base are like the others

Mexico. — 100.

The leaf is papillose
cells very narrow. The
same over the whole
leaf



Mexico — 107



leaves stand in in rosette
and is pressure
the leaves rise over the other
but only a little long
in the centre of the base